Silane, dimethyl(1-phenylpropoxy)pentyloxy-

Inchi: InChI=1S/C16H28O2Si/c1-5-7-11-14-17-19(3,4)18-16(6-2)15-12-9-8-10-13-15/h8-10,12-
InchiKey: ATFCPPODZDGFBH-UHFFFAOYSA-N
Formula: C16H28O2Si
SMILES: CCCCCO[Si](C)(C)OC(CC)c1ccccc1
Mol. weight [g/mol]: 280.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.89		Crippen Method
logp	5.063		Crippen Method
rinpol	1583.00		NIST Webbook
rinpol	1583.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347278&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices